ABSTRACT OF THE DISCLOSURE

Data types can be created, modified and deployed in multi-tier database systems by using extended assemblies. The extended assemblies are created by a back end server using the data and code contained in special tables and object tables of the back end server. The back end server determines which data types are to be deployed in the system, based on push or pull conditions. Thereafter, the corresponding extended assemblies are to be obtained and sent to one or more middle tier servers that utilize the extended assemblies to use the data types. However, some of the middle tier servers may need to be configured with appropriate logic modules to prior to utilizing the extended assemblies. A data type can be created or modified by creating or editing data and code contained in the special table and object tables prior to creating the extended assemblies.

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